

CLAIMS

1. An angiotensin-converting enzyme containing medicine, of which action mechanism is release of GPI-anchored protein from the cell surface.

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2. The medicine of claim 1 for preventing and curing prion-related diseases.

3. The medicine of claim 1 for preventing and curing bacterial infectious diseases.

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4. The medicine of claim 1 for preventing and curing male infertility due to sperm abnormality.

5. The medicine of any claims 1 to 4, wherein the angiotensin-converting enzyme is a mutant angiotensin-converting enzyme to which one or more amino acid mutation is introduced so that GPI-anchored protein releasing activity is maintained but peptidase activity is inactivated.

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6. The medicine of claim 5, wherein the mutant angiotensin-converting enzyme has one or more amino acid substitution in the sequence of His Glu Met Gly.

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7. The medicine of claim 6, wherein the mutant angiotensin-converting enzyme has Glu to Asp amino acid substitution in the sequence of His Glu Met Gly His.

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8. A mutant angiotensin-converting enzyme to which amino acid mutation is introduced for inactivating peptidase activity.

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9. The mutant angiotensin-converting enzyme of claim 8, which has one or more amino acid substitution in the sequence of His Glu Met Gly.

10. The mutant angiotensin-converting enzyme of claim 9, which has Glu to
5 Asp amino acid substitution in the sequence of His Glu Met Gly His.

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